



## PATENT ABSTRACTS OF JAPAN

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**(54) CONTROL DEVICE FOR OCCUPANT  
RESTRAINT DEVICE**

(57) Abstract:

celeration itself like a pad tapping input, is small but only vibration constituents are great.

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**PROBLEM TO BE SOLVED:** To make an occupant restraint device inactive to a pad tapping input, and however make the device operate at a high speed at the time of actual high speed collision.

**SOLUTION:** Vibration constituents overlaid on deceleration detecting signals from a G sensor 1 are added to the deceleration detecting signals so as to be integrated by a first integrator 8, the result is then compared with a first threshold TH/L1, and when an integral output exceeds the first threshold, a signal 1 is thereby outputted. In parallel with the aforesaid operations, each deceleration detecting signal is integrated by a second integrator 10 so as to be compared with a second threshold TH/L2, and when its integral output exceeds the second threshold, a signal 2 is thereby outputted. And it is judged that a high speed collision has taken place at the time when both the first and second signals 1 and 2 are inputted to an AND circuit 15, and an operation signal 5 for the occupant restraint device is thereby outputted. By this constitution, no erroneous operation is actuated for impact in which de-

